

IN THE CLAIMS

Please cancel claims 21, 25, 29, and 32-34 without prejudice or disclaimer of subject matter.

Please amend claims 20, 24, and 28, and add new claims 35-40, as follows.

1 - 19. (Canceled)

20. (Currently Amended) A document printing system comprising:

a first calculation unit for calculating a font size based on a scaling factor of an output area;

a decision unit for deciding whether or not the font size calculated by said first calculation unit is smaller than a minimum font size ~~or not~~;

a second calculation unit for calculating an expansion ratio for expanding the font size to the minimum font size when said decision unit determines that the font size calculated by said first calculation unit is smaller than the minimum font size;

an adjusting unit for making an adjustment to expand the output area into a plurality of pages based on the expansion ratio calculated by said second calculation unit; and

a selection unit for (i) selecting a first font in a specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selecting ~~the~~ a second font with the thinnest weight in the specified typeface, even where the first font in the specified typeface and weight exists, if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selecting a third font in a certain typeface regardless of the specified

typeface, even where the first font in the specified typeface and weight exists, if the font size is smaller than the second size.

21 - 23. (Cancelled)

24. (Currently Amended) A document printing method comprising:

a first calculation step for calculating a font size based on a scaling factor of an output area;

a decision step for deciding whether or not the font size calculated in said first calculation step is smaller than a minimum font size or not;

a second calculation step for calculating an expansion ratio for expanding the font size to the minimum font size when it is decided in said deciding step that the font size calculated in said first calculation step is smaller than the minimum font size;

an adjusting step for making an adjustment to expand the output area into a plurality of pages based on the expansion ratio calculated in said second calculation step; and

a selection step for (i) selecting a first font in a specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selecting a second font with the thinnest weight in the specified typeface, even where the first font in the specified typeface and weight exists, if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selecting a third font in a certain typeface regardless of the specified typeface, even in case where the first font in the specified typeface and weight exists, if the font size is smaller than the second size so that small characters are replaced so that their typefaces become intelligible and smaller characters are replaced by most intelligible characters,

wherein the steps said first calculation step, said decision step, said second calculation step, said adjusting step, and said selection step are performed by a first calculation unit, a decision unit, a second calculation unit, an adjusting unit, and a selection unit, respectively, in a document printing system.

25 - 27. (Cancelled)

28. (Currently Amended) A computer-readable medium storing thereon a computer program for instructing a computer to execute a method for document printing comprising:

 a first calculation step for calculating a font size based on a scaling factor ratio of an output area;

 a decision step for deciding whether or not the font size calculated in said first calculation step is smaller than a minimum font size or not;

 a second calculation step for calculating an expansion ratio for expanding the font size to the minimum font size when it is decided in said decision step that the font size calculated in said first calculation step is smaller than the minimum font size;

 an adjusting step for making an adjustment to expand the output area into a plurality of pages based on the expansion ratio calculated in said second calculation step; and

 a selection step for (i) selecting a first font in a specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selecting a second font with the thinnest weight in the specified typeface, even where the first font in the specified typeface and weight exists, if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selecting a third font in a certain typeface regardless of the specified typeface, even

in case where the first font in the specified typeface and weight exists, if the font size is smaller than the second size so that small characters are replaced so that their typefaces become intelligible and smaller characters are replaced by most intelligible characters.

29 - 34. (Cancelled)

35. (New) The document printing system as claimed in claim 20, wherein said selection unit (i) selects the first font in the specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selects the second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selects the third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size.

36. (New) A document printing system, comprising:
a selection unit that (i) selects a first font with a specified typeface without changing its weight if a size of the font is larger than or equal to a first size, (ii) selects a second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selects a third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size; and
an outputting unit for outputting characters using the font selected by said selection unit.

37. (New) The document printing method as claimed in claim 24, wherein said selection step (i) selects the first font in the specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selects the second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selects the third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size.

38. (New) A document printing method, comprising:

a selection step for (i) selecting a first font in a specified typeface without changing its weight if a size of the font is larger than or equal to a first size, (ii) selecting a second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selecting a third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size; and

an outputting step for outputting characters using the font selected by said selection step, wherein said selection step and said outputting step are performed by a selection unit and an outputting unit, respectively, of a document processing system.

39. (New) The computer-readable medium as claimed in claim 28, wherein said selection step (i) selects the first font in the specified typeface without changing its weight if the font size is larger than or equal to a first size, (ii) selects the second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than

the first size and is larger than or equal to a second size, and (iii) selects the third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size.

40. (New) A computer-readable medium with a computer program stored thereon for instructing a computer method for document printing comprising:

a selection step for (i) selecting a first font in a specified typeface without changing its weight if a size of the font is larger than or equal to a first size, (ii) selecting a second font with the thinnest weight in the specified typeface so that the typeface becomes intelligible if the font size is smaller than the first size and is larger than or equal to a second size, and (iii) selecting a third font in a certain typeface regardless of the specified typeface so that characters become intelligible if the font size is smaller than the second size; and

an outputting step for outputting characters using the font selected by said selection step.